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Philosophical Transactions

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II. An Account of Mr Sam. Brown his Fifth Book
of East India Plants, with their Names, Ver-
tues, Description, &c. By James Petiver,
Apothecary and Fellow of the Royal Society.
To which are addcd some Animals sent him
from those parts.

THese Plants were gathered at Salawacka and Keraputta Kandoo, about 30 Miles from Madras, among Stony ground, Hills and Mountains, the colour of the Earth like rust of Iron : there are some moist places, but the ground is generally dry and hard.

Collected from the 23d of July to the first of August 1696.

s. B.

180.

180. Vifne crantee Malab.

Pluk. Tab. 9.

Fig. 1.

H. Mal. v. xi.

Tab. 64. p.

Convolvulus *Bisnagaricus* Myosotidis folio.

Alsinæ facie myosotis *Bisnagarica* frutescens flosculis pallide flavescens Pluknet. Phytograph. Tab. 9. Fig. 1.

an Vifnu Clandi Hort. Malab. Vol. xi. Tab. 64. p. 131. Convolvulus *Indicus* minor, *Alsinæ* folio, flore rubicundo purpureo 131. Fl. Mal. 85. 2. id. fol. Comel. in Hort. Malab. Vol. xi. p. 132. Flor. Malab. Fol. 22. Col. 22. 1. 2.

1. pl. 2. id. p. 85. 2. *an* Auricula Muris Camelli Ms.

The Flowers of this Plant are Blue, and not of a pale yellow, as Dr Pluknet afferts. The Decoction is good in Hedick Fevers, Consumptions, &c. Which the Hort. Malab. confirms, being boyl'd with Cummin.

181. Pan-neer Marum Malab

181.

Arbor Salawaccensis *Catappa* Malabaricæ folio, flore extus ferriceo.

These Leaves are roundish, large, and broadest towards the top, in shape very like the Katappers or Indian Almond mentioned by Nieuhof in his Itinerary: It is also very well described Tab. 3. p. 5. and Figured in the Hort. Malab. Vol. 4. Tab. 3 and 4. p. 5. under the Malabar name of Ada-maram or Saros.

The Flowers grow in Clusters Umbelwifse, viz. several at the end of a long pedicle.

U u u u u u

Is

Is about 8 or 10 foot high; thick as ones Arm: The Decoction of the Root, Leaves, Bark, &c. cures the Running of the Reins, and Sharpness of Urine. S. B.

S. B.

182.

182. Keela nettee Malab.

- Pluk. Tab. 183. Nirouri Salawaccensis minor, *Abrus* folio.
an Fruticulus capsularis hexapetales, *Cassia* Poetaram foliis.
Fig. 5. Alm. Bot. 159. brevioribus subrotundis & densius stipatis Pluk. Phyt. Tab. 183..
pl. 8. l. 19. fig. 5. Alm. Bot. 159. pl. 8. lin. 19. an Kirganeli Malab. Bajan.
H. Mal. v. 10. Anvali Bram Hort. Malab. V. 10. Tab. 15. p. 29. Vitis Ideæ
Tab. 15. p. 31. affinis, flore hexapetalo ex albicante Cymel. in H. Mal. V. 10. p.
31. Fl. Malab. p. 274. 2. id. Fol. 69. I. 10.

The whole Plant ground and made into Pills, and 2 or 3 of them taken night and morning cures Yellow Jaundice and Fevers: the same mixt with Milk cures the Gonorrhœa; mixt with a little Turmerick it cures the Itch and Ringworms: 'Tis also good in Headicks and Consumptions. S. B.

S. B.

183.

183. Mannerrellee-maraum Malab.

Here are the specimens of two, if not 3 different Plants, however Dr. Plukenet hath in his *Mantissa* p. 170. (not according to his wonted Custom) reduc'd them all to one.

Is about 6 foot high, and thick as ones wrist; a Drink of the Leaves and Bark cures Cholerick Vomitings, 3 or 4 Spoonfuls is a Dose, and gives 2 or 3 Stools. S. B.

S. B.

184.

184. Nauvel-maraum Malab.

- Pluk. Tab. 274. Pimenta Malabarica Caryophylli aromatici folio.
Fig. 2. *Caryophyllum languescente vi aromaticus Malabaricus*, folio &
Alm. Bot. 88. fructu maximo Pluk. Tab. 274. fig. 2. Alm. Bot. 88. 5. Perin
5. Njara seu Inanel. Malab. Mandaneka Brach. Grano de gato Lu-
Tab. 29. p. 57. sit, Katers-ballen Belg. Hort. Malab. V. 5. Tab. 29. p. 57. Bac-
Ray H. Pl. 1499. c. 22. Ray H. Pl. 1499. c. 22. Flor. Malab. 49. 3. id. fol. 12. 1. 6.
Fl. Mal. 49. 3. I wonder, since Dr. Plukenet in his *Almagestum Botanicum*
id. fol. 13. 1. 6. Tab. 274. fig. 2. had given so good a Figure of this, yet when
he came to see it in this Collection, should so soon quite forget
it, as appears in his *Mantissa* pag. 39. where he not only gives
it a New name, but falsely makes it the *Belutta Kanelli* of the
5th Volume of the *Hort. Malab.* which is a different Plant.

This Tree is about 30 foot high, and about a foot diameter; The Fruit when ripe are dark purple almost black, as big as Grapes and taste like Sloes; they have a large Kernel or Core, which is not inclosed in a Shell, the taste of that is not pleasant,

sant, but harsh and bitter, therefore thrown away ; this *Kernel* is more than half the *Fruit*. The *Bark* of the Tree boyld and the Decoction drank cures all *Fluxes*, also the *Dysentery* and *Gonorrhœa*. This *Fruit* is good to eat, and all over this Coast by English and Portuguese are call'd *Jambolins*: I believe they are the same that *Garcias* 236. and *Parkinson* 1636. call by the same name *Jangomas* I don't know, except it be the same with the *Mansanas*, viz. *Ber* and *Ber*. S. B.

N. B. The Jambolins of Garcias and Parkinson seem very different from this Tree.

185. *Peren-calla Malab.*

S. B.

185.

Kara Salawaccensis major, fol. longiore venoso.

H. Mal. v. 5.

Tab. 35. p. 69.

Ray H. Pl.

an Ben. *Kara Malab.* Gali seu Babouli *Brach.* Espinho d'urso *Lusit.* Aapel dorn *Belg. Hort. Malab.* V. 5. T. 35. p. 69. Baccifera *Indica* floribus spicatis, fructu rotundo nigrante, polyspermo *Ray H. Pl. 1494. c. xi. Fl. Mal. 47. 3. Fol. 12. 2. 5.* *id. Fol. 12. 2.*

This differs from S. B. 62. in having its *Leaves* much larger, and sharp-pointed, some as big as Bay-leaves and as broad.

This is a bigger sort of S. B. 62. Its Vertue the same with that ; The *Fruit* of this is a pleasant acid taste, makes good sweet Meat and Gelly, altogether as good as *Currans*, they are of a fine Red when half ripe, and Black when full ripe : The *Natives* eat these greedily, but I cannot hear they use them in *Physsick* : The *Natives* commonly call the *Fruit* *Callacca*. Some count *Pecala* S. B. 161. a Species of this. S. B.

S. B.

186.

186. *Shala-maraum Malab.*

Rus trifoliatae facie Frutex Salawaceensis floribus Juliformibus *Muf. Petiv. 678.* an *Molago maram Malab.* Mirisato *Brach.* *H. Mal. v. Arbore da pimiento falso Lusit.* Wild Peeper boom *Belg. Fl. Tab. 25. p. 4.* *Mal. V. 5. Fig. 25. p. 49.* Baccifera *Indica trifolia*, fructu ro-tundo Monopyreno, pediculo longo *Ray H. Pl. 1593. c. 18. Fl. 1593. c. 18. Mal. 43. 5. id. Fol. 11. 2. 8.*

If Dr Plukenet has the aforesaid *Molago-maram*, as he asserts *H. Mal. 43. 5* in his *Almag. Bot. 94. pl. 7.* he would be very kind to show *id. Fol. 11. 2. 8* wherein it differs from this and his *Jamaica Plant*, *Figured Tab. Alm. Bot. 94. 267. Icon. 4.* tho in his *Almagest p. 48. lin. 4.* he confounds it *Alm. Bot. 48. 1. 4.* under *Figure 1.*

Grows 10 or 12 foot high, thick as ones Arm. A Drachm of the Powder of the whole Plant taken, cures the Bites of a *Venomous Horse-Fly*, which the *Natives* call *Wandoo-gudee*; it's also good against the bites of other *Insects*. S. B.

U u u u u u 2

188. *Muf.*

188. *Maudalan-chedde Malab.* The Pomegranate.
Dale 413. *Granata vulgaris Officinarum.* *Granata Forst.* *Dendr.* 28. *Tab.*
Pom. p. 1. 180. *Granata & Punica Offic.* *Dale Pharm.* 413.
s. 6. c. 6 Fig. *Grenadier Pomet Hilt.* *Generale des Drogues part 1.* p. 180. 1.
Ger. 1262. *Fig. 1.* *8. c. 6. Fig.*
idem. 1450. *Malus Granata seu Punica Ger. 1262.* *Fig. opt. 1. id. emac.*
Fig. Chabr. 3 *1450. Fig.*
Fig. 5. *Malus Punica Chabr. 3. Fig. 5. IB. 1. 1. 76. c. 17. Fig. Prod.*
IB. l. 1. 76. c. *17. id. Pr. 33. 3. 3. Gesn. Hort. Germ. 267. Malus Punica sativa C. B. 438. 1.*
CB. 438. 1. *Park 1510. Fig. id. Part. 528. 1. Fig. 429. 4. Malus Punica fava,*
Park. 1510. *aliis simplici flore Cat. Pl. Fam. 201.*
Fig. Pl. Jam. *Malum Punicum Lob. Observ. 564. Fig. 1.*
201. Lob. *Punica malus Lugd. 303. Fig. Cord. in Diosc. 22. cap. 152.*
Ob. 564. Fig. 1. *Lugd. 303.* *189. Mella Kurni Malab.*
Fig. *Chamælea Malabarica trifoliata spinosa Mus. Petiver. 41.*
S. B. *Frutex baccifer Indicus spinosus trifoliatus, floribus spicatis,*
189. *fructu plano rotundo tricocco Ray H. Pl. 1612. c. 6.*
Mus. Petiv. 41. *Kaka-Toddali Malab.* *Boriti Brach.* *Espinho do Ladrano Lu.*
Ray H. Pl. *sit. Praatkens Belg. Hort. Malab. V. 5. F. 41. p. 81. Fl. Mal. 119.*
1612. c. 6. *H. Mal. v. 5. 6. id. Fol. 30. 2. 6. Kaka-Toddali forte Malabarica ex oris Cor.*
Tab. 41. p. 81. mandel Pluck. Tab. 95. f. 5. Alm. Bot. 292. pl. 3.
Fl. Mal. 119. 6. Grows about 6 foot high, and 2 or 3 fingers thick: The Bark,
id. Fol. 30. 2. 6. Leaves and Berries boyl'd in Butter, and about half a dram of
Pluk. Tab. 95. it given to young Infants cures the Carpaun, Scab and Itch;
Fig. 5. the Bark of the Root ground and made into Pills, and 5 or 6 taken
Alm. Bot. night and morning expels Wind and helps Gripes, the Decoction of the Wood is good for the Pox and Rheumatism: The
202. 3. Natives boyl the Root, Bark, Leaves and Grains in Gingee Oyl (which I think is Sesamum) and drink 3 or 4 spoonfuls night and morning for the Pox and Rheumatism with good success.
S. B. This Plant is wholly Aromatick, in Root, Bark, Leaves and Berries, which I fancy rather exceeds than comes any thing behind Juniper-berries. S. B.
190. *Pautan-chedde Malab.*
H. Un. 5. Act. *Phil. No 244.* *Paccifera racemosa Madraspatana Juglandis folio, nigris ma-*
p. 315. 5. *culis eleganter asperfis. H. Un. 5. Act. Phil. No 244. p. 315. 5. an*
H. Mal. V. 2. *Tab. 23. p. 37.* *Cupi Malab.* *Cita-Mataki. Bram. Hort. Malab. V. 2. Tab. 23.*
Ray H. Pl. *p. 37. Frutex Indicus baccifer, floribus umbellatis fructu ro-*
1494. c. 10. *fundu polyspermo Ray H. Pl. 1494. c. 10. Fl. Mal. 123. 2. id. Fol.*
Fl. Mal. 123. 2. *31. 2. 3.* *This differs from H. Un. 15 and S. B. 12 in having its Leaves*
id. Fol. 31. 2. 3. *thinner, less veiny and not so stiff, the ribs from the middle of*
the

the Leaf extending to the edges, whereas the other are lost in the lesser capillary Veins before they reach the fides : The Flowers are larger, and the style exerts it self near an inch above it, whereas in the other they are not to be seen, but in those whose *petala* are reflex, which they frequently are.

Grows 4 or 5 foot high, thick as ones Wrist or more, the Natives make *Atcharas* of the Berries, (i. e. Pickle them) the Decoction of the Bark of the root, cures the Gonorrhœa and sharpness of Urine, S. B.

191. *Vela Cacuanha Malab.*

S. B.

191.

Clitorius Malabaricus, fl. albo. *The white Clitorian Flower.* Alm. Bot. 294. Phafeolus alatus *Ternatenium floribus albis* Alm. Botan. 294. 5. 5: l. 20. Schanga-cuspi *Malab.* Gocarni Bram. Fabas de Brha- H. Mal. v. 8. manne Lufit smalt Kruid Belg. H. Malab. V. 8. Tab. 38. p. 69. Ray Tab. 38 p. 69. Ray H. Pl. H. Pl. 890. 30.

Phafeolo adfinis *Glycyrrhizæ Germanicæ* folijs *Orientalis* flo- Fl. Mal. 213 3. re ampio albo P. B. pr. 365. 1. Clitorius Flos albus H. A. Lugd. id. Fol. 54. 1. 3. 162. 6. Fl. Mal. 213. 3. id. Fol. 54. 1. 3. H. Un. 20. A& Phil. No. Phil. No. 244. p. 244. p. 323. 20.

192. *Carpa Cacuanna Malab.*

323. 20.

S. B.

192.

Clitorius Malabaricus fl. cæruleo. *Blue Clitorian Flower*

Phaseolus *Indicus* cæruleus *Glycyrrhizæ* folijs alatis fl. ampio cli- Alm. Bot. 294. torio. Alm. Bot. 294. 4. 1. 17. *In licus Glycyrrhizæ* folijs flore 4. cæruleo ampio sive Flos Clitoridis Breyn. Prodr. I p. 43. 7. Hort. 7. Amst. 276. 1. Phafeolo adfinis *Glycyrrhizæ Germanicæ* folijs O. Hort. Amst. *orientalis* flore ampio cæruleo. P. B. pr. 364. 6. Clitorius Flos 276. 1. cæruleus H. A. Lugd. B. 162. 5. Flos Clitoridis *Ternateni- P. B. pr. 364. bus* Breyn. Cent. p. 76. c. 31. Fig. H. Un. 19. A& Phil. No. 244. H. Lugd. B. p. 222. 19.

Scanga cuspi altera Species H. Malab. V. 8. p. 70. Catarodu Breyn. Cens. Zeyl. Creuck Javan. 76. l. 31. Fig. H. Un. 19. A& 322. 19. H. 1.

This and the last differ only in the colour of their Flower, this Phil. No. 244. p. being blue, that white, which are express in their Malabar names. 322. 19. H. 1.

Both these are a foot and a half, or 2 foot high. The white Mal. v. 8. p. operates more gently than the other, but they both Purge and 70. Vomit also : yet the Natives give it every, or every otherday to their Children, being ground with Water; for 'tis hard to powder. (I mean the Root, for that only is of Use.) 'Tis an Excellent Medicine in Fluxes, Jaundice, Cachexie, &c. The Natives give it every day to Pocky Children with excellent success ; and they say that if the White Flowers be rabb'd in the palm of the

the hand of either Man or Woman, and they immediately rub that hand on the hand of any person they have a mind to enjoy, it will make them consent, and be very fond : But I have no Faith for such Trifles. S. B.

S. B.

193.

P. B. pr. 312.

Pluk. Tab.

134. Fig. 3.

Pl. Jam. 205.

Ray H. Pl.

1650. 1.

H. Mal. v. 3

Tab. 29. p. 21

Pl. Mal. 17. 7.

id. Fol. 5. 1. 17.

Anona folio obtusiflore, fructu glanduloso conoide.
an Anona *Indica* pomo viridi P. B. pr. 312. 3. lin. 12. Anona *Indica* fructu ex viridi & luteo cortice squamato aspero nucleis nigricantibus parvis Pluk. Tab. 134. Fig. 3 Anona foliis odoratis minoribus, fructu conoide squamofo parvo dulci Cat. Pl. Jam. 205. Pomifera *Indica* fructu conoide squamofo viridi Ray H. Pl. 1650. 1. Ata maram & Manil jaka *Malab.* Atoa, Manil panosou & Jona jaka *Brach.* Atas & Atocira *Lusit.* H. Mal. V. 3. Tab. 29. p. 21. Pl. Mal. 17. 7. f. ult. id. Fol. 5. 1. 17. f. ult.

The Fruit of this the English call *Custard Apple*, the Portuguese Atta, it hath a rugged rind, and is as big or bigger than one's Fist, is very mellow and soft, and tastes like *Cream* and *Sugar*. S.B.

S. B.

193. 1.

Pluk. Tab. 134.

Fig. 4.

P. B. pr. 312.

2. Pl. Jam.

204. H. Mal.

v. 3 Tab. 30.

p. 23 Pl. Mal.

17. 6. id. Fol.

5. 1. 16.

193. 1. *Ata paulum Malab.*

Anona folio acutiore, fructu majore.

an Anona *Indica* angustifolia, fructu caruleo cortice squamato glabro Pluk. Tab. 134. Fig. 4? Anona *Indica* pomo caruleo P.B. pr. 312. 2. 1. 9? Anona maxima foliis oblongis angustis, fructu maximo luteo conoide, cortice glabro in areolas diffineto Cat. Pl. Jam. 204? Anona maram & Parangi Jaca *Malab.* Tsyna panosou Bram. Anona *Lusit.* H. Mal. V. 3. Tab. 30 & 31. p. 23. Pl. Mal. 17. 6. id. Fol. 5. 1. 16.

The Fruit of this is Russet or Reddish, smooth and sweeter than the last, and as big as 2 Fists, the Leaves bigger and longer, and Flowers sweet : Neither of them serve for Phyick, but are accounted wholesome Fruit. S.B.

S. B.

194.

Pluk. Tab. 132.

Spergula *Saluaccensis* foliis inequalibus latioribus & subrotundis, alis foliorum florescens.

Bot. 21. 10.

Alfina *Indica quadrifolia* & *quinquefolia*, flosculis longiori

H. Mal. v. 10.

pediculo insidentibus Pluk. Tab. 130. Fig. 5. Alm. Bot. 21. pl. 10.

Tab. 14. p. 47.

an Kaipa *Tsijra Malab.* Codivi vasii Bram. H. Mal. V. 10. Tab.

24. p. 47.

This has a sweetish smell, but bitter taste, it trails on the ground, and is a little larger than the next. The Natives say it gives a very pleasant taste to their *Carrais*, for which they use it much. S.B.

195. 1.

194. I. Commen Terai *Malab.*

S. B.

Spergula Anthylloides villosa Salawaccensis.

194. I.

The Natives make a Decoction of this with a little round Pepper and Tamarind, which they drink and wash their mouths with, when they have a sweetish taste and want an Appetite; it also stops Vomiting. S. B.

195. Paran *Tulscee Malab.*

S. B.

195.

Ocimum Salawaccense Menthae folio.

Here are 4 sorts of this, viz. *Tulscee*, cappore *Tulscee*, Nai *Tulscee* and this *Black Tulscee*, they all seem to be species of *Bazil*; the Juice of them mixt with Sugar the Natives give to Infants when they can't digest their Milk. A Decoction of the 4 sorts they give for Feavers, Coughs and Astma's. S. B.

196. *Vella caunjerie Malab.*

S. B.

196.

Ricinus Malabaricus Urticae folio.

Pluk. 746.

Ricinus Altheae folio molli & incano Maderaspatanus Pluk. Tab. 120. Fig. 5. *Alm. Bot.* 321. 3. *H. Ox. S.* 10. p. 349. 24. *Urtica frutescens Malabarica Schorigenam dicta Ray H. Pl.* 160. 2. *Urt. p. 349. 24.* *tica major Indica tricarpos folio mucronato Schorigenam Hort. Ray H. Pl. Malab. H. Ox. S. xi. p. 435. 7. Tab. 24. Fig. 7. Schorigenam Ma- 160. 2. *H. Ox. S. 11.* *tab. Pitta Gasurculi Bram. H. Mal. V. 2. Tab. 39. p. 73. Fl. p. 435. 7 Tab. Mal. 276. 8. id. Fol. 69. 2. 22. H. Un. 9. Act Phil. No. 244. p. 317. 24. Fig. 7. H. Mal. v. 2.**

The Natives call this *White Nettle*, they have another lesser sort here, which they call *Carpa caunjerie*, i. e. *Black Nettle*; they make a Powder of these which they give in Milk for Hec- 2. 22. ricks, Astma's and Coughs, as also for stoppage of Urine. S. B. H. Un. 9.

197. *Pulea chedde Malab.* The Tamarind Tree.

S. B.

Tamarindus vulgaris Officinarum.

197.

Tamarindus Ger. em. 1607. Park. 237. c. 35. Fig. Ray H. Pl. Ger. em. 1607. Park. 237. c. 1748. c. 9. C B. in Matth. 191. Fig. Cam. 166. 1. Lugd. app. 9. 35. Fig. 1. Fig. H. Lugd. B. 588. 3. 1. 10. 206. Adv. 439. Obs. 602. Fig. Ray H. Pl. Ferr. Fl. 285. Fragos. 53. c. 23. Cat. pl. Jam. 147. Hern. 82. I.B. 1748. c. 9. V. 1. lib. 12. p. 422. Fig. id. pr. 32. 7. Chabr. 90. Fig. 1. 2. Vestling. C B. in Matth. 13. Garz. 119. c. 28. Clas. Ex. 196. c. 28. & 271. c. 21. Offic. 191. Fig. Dale 507. 8.

Tamarindus Derelfsi le appellata Alpin. Egypt. 15. c. 10. Fig.

Lugd. app. 9.

Tamarins Pomet. part 1. L. 7. p. 22. c. 31. Fig.

Fig. H. L. Bat.

Siliqua Arabica quæ Tamarindus CB. 403. 3.

588. 3. Lab.

Balam Pulli seu Maderam Pulli Malab. Sinza Bram. H. Mal. V. 1. Tab. 23. p. 39. Fl. Mal. 259. 12. id. Fol. 65. 2. 13.

Adv. 439. Obs.

602. Fig. Ferr.

Fl. 335. 12.

gos. 55 C. 23.

This P. Janv. 147.

Hern. 83. I. B. v.
I. l. 12. p. 422.
Fig. id. pr. 32. 7.
Chabr. 90. Fig. 1. 2.
Vesling. 13. Gar.
119. c. 28. Clus.
Ex. 196. c. 28. &
271. c. 21. Dale
507. 8. Alp. & Eg.
15. c. 10. Fig.
Pomet. p. 1. l. 7.
C. B. 403. 3. H.
Mal. v. 1. Tab. 23.
P. 39.

This is the *Tamarind Tree*, whose Fruit is well known : it's a large Tree 40 or 50 foot high, and about 2 foot diameter. The Natives with the fume of the powder of the Root cures Piles and old Ulcers, the skin or rind of the Seed in powder is a most excellent Remedy in a Gonorrhœa after purgation ; it also stops all sorts of Fluxes, and in Dysenteries infallible. A Decoction of the Leaves cleanses and heals green Wounds and Ulcers ; the Juice of the Leaves cures inflammations of the Eyes and Ophthalmias ; the Fruit is well known to temper the heat of the Blood, with the Leaves, which the Natives use in all their Diet. S. B.

S. B.

198.

Breyn. Pr. 2. p.
58. 3. l. 10.
P. B. pr. 342. 5.
Ray H. Pl. 1573.
c. 13.
Pluk. Tab. 109.
Fig. 2.
Pluk. Tab. 52.
Fig. 2.

198. Chegga pu melleha Malab.

Schetti Malabar. foliis Laurinis venosis.

Jasminum arborescens *Indicum* flore tetrapetalo umbellato phaniceo, foliis Laurinis latioribus Breyn. Pr. 2. 58. 3. l. 10. Jasminum *Zeylanicum* flore parvono Herm. Cerasus umbellata pavonina floribus coccineis Ejusd. Br. 2. 58. Jasminum *Indicum* Laurifolio inodorum umbellatum floribus coccineis P.B. pr. 342. 5. Frutex baccifer *Malabaricus* fructu calyculato rotundo rubro polypyreno Ray H. Pl. 157. 3. c. 13. Jasminum *Indicum* Lauri folio inodorum umbellatum floribus albicantibus Pluk. Tab. 109. Fig. 2. & Jasminum *Indicum* Lauri folio inodorum umbellatum floribus coccineis Pluk. Tab. 59. fig. 2.

Dr Plukkenet has here confounded this, by making 2 several Plants of it, whereas it really is but one, as may be seen by the differing Leaves of this Specimen, some being broad, others sharp pointed, which last variety he makes the *Bem Schetti* Hort. Malab. V. 2 Tab. 14. p. 19 which differs from it, both in the make of the Leaf, as well as shape of the Flower.

Schetti Malab. Pada Cali Eram. H. Malab. V. 2. Tab. 13. p. 17. Fl. Mal. 142. 7. id. Fol. 36. 1. 16. Ratambala Zeylon.

Is about 6 or 7 foot high, and thick as ones arm, bears no Fruit (is an Error) nor has the Flower any smell, the Bark and Leaves the Natives beat and eat with Rice for Pains of the Back and Joints, Knees especially. S. B.

S. B.

199.

Chabr. 126. Fig. 6.
Gen. em. 1598.
Ray. H. Pl. 730.
29. Cat. Pl. Jam.
58. 4. C. B. 398.
6. H. Mal. v. xi.
Tab. 60. p. 123.
Cam. 135. 1. Fig.
40. I. B. v. 2. l. 15.
x77. Eg.

199. *Vusha coodee Malab.**Quamoclit In lie utriusq; Viola aquatica folio.*

Quamoclit foliis tenuiter incisis & pennatis Inst. Rei Herb. 116. 1. Quamoclit 1. B.V. 2. l. 15. p. 177. c 45. Fig id. pr. 39. 4. El. Bot. 93. Cam 135. Fig 10. *Quamoclit*, *Planta nova Indica*, Jasminum five Gelseminum Americanum pennatum flore sanguineo quorundam Chabr. 126. Fig. 6. *Quamoclit* S. Convolvulus pennatus

tus

tus Ger. em. 1598. Tan si Herb. noft. Chin. Tab. 4. Fig. 1.
Ray H. Pl. 730. 29. Mus. Pet. 48. Cat. Pl. Jam. 58. 4. CB. 398. 6.
■ 23. H. Mal. V. 11. Tab. 60. p.

This Climer is not used that I know in Physick, but the *Natives* rub the juice on their Wives heads, to make them love them. S. B.

200. Mannalekai *Malab.*

Spergula Salawaccensis spicata, ex alis foliorum florifera.

S. B. 200.

Is 2 or 3 foot high, the Root a Finger thick, which with the branches ground with Water, and applied warm, is successfully used by the *Natives* to pains in the Head, Neck and Eyes. 'Tis bitterish. S. B.

201. Mooellee *Malab.*

S. B. 201.

Phaseolus utriusque Indiae foliis rotundis.

Pluk. Tab. 51.

Phaseolus maritimus purgans, rad. vivaci, foliis crassis subrotundis *Bisnagaricus* Pluk. Tab. 51. Fig. 2. *Phaseolus maritimus* rotundifolius, flore purpureo, filliqua brevi cristata, sem. fusco striato Cat. Pl. Jam. 69. 2 an *Phaseolus maritimus Indicus* perrennis trifoliatus subrotundus, filliqua longa, faba fusca oblonga vol. 8. Tab. 43. Cat. H. Amst. 276. an *Phaseolus Brasiliensis Bry Florileg.* an *Phaseolus Brasiliensis Ferrar. Flor.* an *Phaseolus H. Menofrancofur-tensis* foliis densis subrotundis amplis. Alm. Bot. 292. 1.

Fig. 2. Cat. Pl.

Jam. 69. 2.

Cat. H. Amst.

276. Alm. Bot.

vol. 8. Tab. 43.

Cat. H. Amst. 276. an *Phaseolus Brasiliensis Bry Florileg.* an *Phaseolus H. Menofrancofur-*

210. 1. id. fol.

53. 1. 11.

Catu-Tsjandi *Malab.* Canavali Bram. Grao do Boy Lusit. Vy. lebonen Belg. H. Mal. V. 8. Tab. 43. p. 83. H. Mal. 210. 1. id. Fol. 53. 1. II.

This Climer spreads much, the Root is tuberous, as big as ones fist, not long but roundish, taken inwardly is laxative, ground and outwardly applied Cures Pains and Swelling in the Knees and Buboes. S. B.

This grows also in *Bermuda*, where its call'd *Poyson* beans, or *Loes* beans, from his being poysoned by them, as my Ingenious Friend *Mr John Dickinson* there informs me.

202. Chellendenai *Malab.*

S. B. 202.

Milium Salawaccense grano minore.

A Decoction of the whole Plant is good for the Thrush, being drank a spoonful or two for Children, but more for elder persons, the Mouth must also be wash'd with it. S. B.

203. Yelle-chellendenai *Malab*

Pluk. Tab.

193. Fig. 3.

Adhatoda Salawaccensis Clinopodii folio.
Gratiola affinis Madraspatana Digitalis æmula, folio *Clinopodium*, capsulis in verticillas positis Pluk. Tab. 193; Fig. 3. Alm. Bot. 10. 1. 27. Bot. 180. 10. 1. 27.

X x x x x x

The

S. B. 204. The Decoction is good for a Thrush, and used as the last, but Mus. Pet. 662. this is better. S. B.

H. Mal. v. 12.

Tab. 3. p. 7.

H. Malab. 194. Orchides epidendron *Salawaccensis* Vifci folio. Mus. Pet. 662.

1. id. fol. 49. *Orchis aizoides abortiva Malabariensis*, foliis obtusis, flore aureo odorato Com. in H. Mal. V. 12. p. 8. Fl. Mal. 194. 1. id. Fol. 1. 12.

49. I. 12.

Ponniam pou Maravara Mal. Sovanna Pouspa Bram. Goud-blom Belg. H. Mal. V. 12. Tab. 3. p. 7.

Is about a foot high; stops the too great Flux of Urine, with White Sediment, by taking one dram of the powder for a few days night and morning; the Decoction cures the Gonorrhœa. S. B.

S. B. 205.

Aet. Phil. No

267. p. 703. 57.

H Leyd. 168. *Indigo vera Coluteæ* foliis *utriusque Indie* S. B. 57. Aet. Phi. pl. ult. Chabr. No 267. p. 703. 57. I have there given you its several Synonyms, 82. Fig. 6. I B. with a description of its Leaves, Flowers and Podds, which last v. 1. l. 11 p. 384. grow straiter the riper they are.

Fig. 1. id. pr.

31. pl. 7. Cat.

pt. Jam. 141.

Ray. H. Pl.

926. c. 4.

This is Nil or Anil. The Decoction expels Wind, and is very good for lying in Women, provokes the Lochia if stopt, cures that dangerous Distemper of Child-bed Women which the Natives call Fanny: Is Diuretick, and good in Headicks and Consumptions, as they say, with many other Vertues. Here is another sort of Nil (but it makes no blue colour) which the Natives call Cale Auveree chedee, i. e. Stone Nil, for it grows on Stony Mountains, has the same Vertue as the former, but is not so strong; the blue Indigo in Cakes, rubb'd on the Pubes, helps those to Urine, who have a stoppage of Water. S. B.

s. B. 206.

Breyn. pr. 2.

p. 41. 2. l. 3.

H. Leyd. 643.

Fig. Pluk. Tab.

173. Fig. 3.

Alm. Bot. 9. 1.

Adhatoda *Zeylanica*, foliis *Laurinis maximis*.

*Dictamno forte affinis, Indica arborescens Lauri Americanæ foliis s. f. Ecbolium *Zeylanicum* foliis Laurinis Breyn. pr. 2. 41. 2. 1. 3. Adhatoda *Zeylanensium* Mus. Zeyl. Ecbolium *Grecis*. Wanapala Malab. H. Leyd. app. 643. Fig. Pluk. Tab. 173. Fig. 3. Alm. Bot. 9. 1.*

Is about 6 or 8 foot high, and thick as ones wrist, the Root and Bark Cures Astma, Cough and Fevers, by drinking the Decoction: the Natives boyl the Juice in Butter, and give it both

S. B. 207.

Park. 1636. c. old People and Children for Cough and Fevers. S. B.

104. Fig. Acost.

286. c. 47.

Bont. 102. Fig.

Chabr. 8. Fig. 1.

Tammerten chedee Malab. Carambola.

Carambola *Malabarica* fructu pentagono.

Carambolas Park. 1636. c. 104. Fig. Acostæ 286. c. 47. Bont. 102. Fig.

(1017)

Fig. Chabr. 8. Fig. 1. Clus. Exot. 234. c. 15 and 286. c. 47. IB. V. 1. Clus. exot 234. 1. I. 117. c. 6c. Fig. id. Pr. 4. c. 59. Fragos. 43. c. 13. Garc. 210. c. 15. & 286. Ta. c. 47. 1B. v. c. 15.

Carambólifera *Malabarorum* Jonst. Dendr. 5. Tab. 5. Fig. 60. Fig. id. pr. Mala *Goensia* fructu octangulari, Pomi vulgaris magnitudine CB. 4. c. 59. Frag. 433. 2. Malus *Indica* pomo anguloſo *Carambolas* dicta Ray H. Pl. gos. 43. c. 13. Garc. 215. c. 1449. 6.

Tamara-tonga *Malab.* *Carambola Bram.* & *Lusit.* Vyf hoeken Belg. Hort. *Malab.* V. 3. Tab. 43, 44. p. 51. Fol. *Mal.* 167. 6. id. 5. Fig. C.B. Fol. 42. 2. 6. *Camarix Decan.* *Camarix* & *Carabeli Canar.* Bo. 433. 2. Ray H. P. 1449. 6. limba *Malaiis.* *Camaroch Persis.* H. Mal. v. 3.

This Fruit is 4 inches long, has 5 edges, is very fower, the Root, Bark and Fruit correct Choler, but are not used by the Natives here for Fevers. S. B.

208. Coode cauvella *Malab.*

S. B. 208.
Mus. Petiver

Astragalus Salawaccensis foliis & siliquis glabris. Mus. Petiv. 613. 613.

Is a foot or 2 high; A Decoction of the whole Plant helps digestion very much. S. B.

This chiefly differs from S. B. 84. in being smooth, that being hoary.

209. Maurel cheddee *Malab.*

Nucleifera *Salawaccensis* Pisiformis, Yuccæ folio Mus. Petiver ver. 661. Asphodeli *Indica* affinis, floribus hexapetalis spicatis 661. Comel. in H. Mal. V. 11. p. 83.

S. B. 209.
Mus. Petiver

H. Mal. v. xi.

Katu Kapel seu Cadenaco H. Mal. V. 11. Tab. 42. p. 83. Fl. Mal. 39. 1. id. Fol. 10. 2. 10.

Tab 42 p. 83.
Fl. Mal. 39. 1.
id. fol. 10. 2. 10.

I cannot conceive why Dr Plukenet should make this an Aloes, and more especially since he saw it here in Fruit.

It grows about 2 foot high, the Root as thick as ones Finger, yellowish red without, but white within, bites the tongue. Its Decoction cures the Berberis or Dead Palsie, the Juice of the Leaves cures the noise and pain in the Ears, the strings of the Leaves make very strong lines, they resemble those of Semper-vive, are smooth and spotted with a darker green, there are generally 5 from one Root, besides the Flowring stalk. S. B.

210. Turkey auverre Kai cheddee *Malab.*

Fœnum Græcum majus, e *Salawacka* Mus. Petiver. 645. S. B. 210. Is 4 foot high, the Decoction of the whole Plant cures Cough Mus. Petiver and Astma, they eat the Fruit parched. S. B. 645.

211. Vulerhi *Malab.*

Centaurium minus verticillatis floribus *Malraspat.* Mus. Pet. 369. S. B. 211. Mus. Petiver

X x x x x 2

The 369.

The Natives sometimes give the powder of the whole Plant in Urine for Pox, Rheumatism and Gonorrhœa; it's likewise good if taken in Water. S. B.

212. Coattakai Malab.

S. B. 212. H. Un. 40. Aet. Ricinoides arborescens Madraspatana Cotini foliis H. Un. 40.

Phil. No 244. Aet. Phil. No 244. p. 332. 40.

P. 332. 40. Is 5 or 6 foot high, as thick as ones wrist, the Decoction of this in Water (but the Natives do it with Butter) cures Hypochondriack Melancholy and Hysterick Passion: the Root, Bark, Leaves and Fruit serve for nothing else, as the Natives say. S. B.

213. Aucashdammaree Malab.

S. B. 213. Pluk Tab. 207. Stratiotes Madraspatana Sedi vulgaris folio.

Fig. 6. Nymphaea minima Madraspatana, foliis alas Papilionum re-Alm. Bot. 267. ferentibus Pluk. Tab. 207. Fig. 6. an Stratiotes *Aegyptia* Diosco-8. Vessling. 45. ridis Vessling. 45. Fig. an Kodda pail Malab. Zelo Bram. H. Mal. v. 11. Tab. 32. V. 11. Tab. 32. p. 63. Sedum Indicum palustre, foliis latissimis p. 63. Comel. in crispis, floribus albicantibus pilosis Comel. in H. Mal. V. 11. p. 64. H. Mal. v. 11. H. Mal. 240. 7. id. Fol. 60. 2. 27.

P. 64. Fl. Mal. 240. 7. id Fl. 60. 2. 27. This is a Water Plant, when fresh in a minutes time after 'tis chewed, bites the tongue and mouth: A Decoction of this presently cures Fevers, Coughs, Astma's, Headicks and Consumptions, they generally add to it a few grains of Pepper, the Flower is white, consists of 4 small Leaves. Grows in Ponds and Wells, and is not fixt to the ground at bottom by any stalk that I could find. S. B.

It seems to be a Plant, swimming or floating on the Water, as the Hort. Malab. and Vesslingius observes theirs to do, it may therefore be easily carried by the Wind or Current from one side of a Pond to the other, like our Duck-meat.

214. Nommenau maram Malab.

S. B. 214. Grows about 30 foot high, and 8 or 10 inches diameter. The Natives beat the Root, Leaves, Flowers, Bark and Fruit, and press out the Juice, which they boyl in Butter, and give a spoonful of it for Headick, Consumptions and Cough, with success; these people think Butter helps the Virtue of Physick, Water not. The Flower is a complication of many threads on a stalk, which soon fall off. S. B.

This pod exactly resembles the Waga Madraspatan. *Senea foliis filiformi lata compressa ubi seminibus inflata* Mus. Petiver. 697. and Mr Browns description of the Flowers exactly agrees with it,

it, which makes me believe it the same; and if so, these *Walnut*-like *Leaves* must belong to another Tree. However, Dr *Plukenet* affirms them one, which if he can shew contiguous, I should be glad to see, viz. its *Leaves* with either *Flower* or *Pod* on the same Branch.

215. *Punanganne Malab.*

Peregrin Madraspatana, foliis oppositis angustioribus Polygoni H. Un. 22. Aet. Phil. no 244. p. 323. 22. Amaranthoides Ma- draspatanum foliis angustis ex adverso binis, floribus ad nodos verticillatis Pluk. Tab. 132. fig. 6. Alm. Bot. 27. 4. l. 10.

S. B. 215.
H. Un. 22.

Aet. Phil. No

244. p. 323. 22.

Pluk. Tab.

132. Fig. 6.

This resembles the *Coluppa* Hort. *Malab.* V. 10. Tab. xi. p. Alm. Bot. 27. 4. l. 10.

21. but this takes not Root at every Joint as that does. H. Mal. v. 10. Tab. xi. p. 21.

The juice of the Root put into the Eye, cures *Ophthalmia's* and pain, a Poultis of the Root, Branches and Leaves beaten and applied to the Eye is also good, the juice of the Leaves rubb'd on the Head takes away the pain, and stops defluxions of thin *Rheum* by the Nose. The Natives eat the boyld *Herb* for the same Distenter. S. B.

216. *Caurai chedde Malab.*

S. B. 216.

Ray H. Pl.

Lycium Salawaccense spinis binis distentis, nucleo gemino vel 1497 c. 17. triquetro. an Baccifera Indica, flosculis ad foliorum exortum con- H. Mal. v. 5. fertis, fructu dicocco Ray H. Pl. 1497. c. 17. an Tsjeron Kara Tab 37. p. 73. Malab. Canti & Bidani Gali Bram. Espinho Salsedo Lusit. Bitter- Fl. Mal. 45. 2. doorn Belg. H. Mal. V. 5. Tab. 37. p. 73. Fl. Mal. 45. 2. id. fol. 12. 1. 6.

If this were new, as Dr *Plukenet* asserts in his *Mantissa*, he would do well to let us know how it differs from his *Lycium Maderaspetanum Indici Alpino putati emulum, foliis minoribus 1497 c. 17. hiugis & grandioribus aculeis horridum* Pluk. Tab. 97. Fig. 2. & Fig. 2. Alm. Bot. 234. 8. l. 23.

A low Bush about 2 foot high; the Natives cure the Bloody or any other Flux, by giving the *Leaves* fryed in Butter to eat, it also helps the *Tenasmus* and all Gripes: the Decoction of the Root does the same: They always use it alone. S. B.

218. *Narracucha pillee Malab.*

S. B. 218.

Gramen Filiceum Salawaccense, paniculis plurimis spicatum. A Decoction of this with a little Pepper cures intermitting Fevers. S. B.

219. *Eltanee coondo Malab.*

S. B. 219

Eupatorium Salawaccense, Virga aurea folio.

Is about 2 or 3 foot high; the Natives beat this and a few Corns of Pepper together, then strain the Juice, which they mix with Breast

Breast Milk, and put a little into the Nose, cures the running of it. S. B.

S. B. 220.

Pluk. Tab.

128. Fig. 3.

Alm. Bot. 21. 6.

220. *Parpauticum Malab.*

Spergula Rosea multicaulis polyanthos e Madraspatan.

an Alsine Madraspat. Gallii foliis, flosculis communi pediculoter-
nis Pluk. Tab. 128. Fig. 3. Alm. Bot. 21. 6. Dr Plukenet, to
shew his fondness in multiplying species, will have this a New
Plant, and to differ from the above-mentioned of his, because its
stalk forsooth has changed colour, and he fancies this grows
*propt up, and therefore in his *Mantissa* p. 9. he thinks himself*
obliged to give it the 2 following names, that it may be known
*from his other, viz. *Alsine Saxifraga Indiae Orientalis*, *foliis**
circa caulem radiatis, flore herbido & muscofo*; seu *Al-
sine Spergula muscosa Indiae Orientalis, surrecta caulinis
**albicantibus*. What colour the Stalks of his first were he men-*
*tions not, but in these I am sure he is mistaken, for they are *yellow*,*
*not *whitish*, and therefore it may probably be still the same as*
*at first; and as for its growing *surrect*, (which signifies but*
raised, set or lifted upright) I see no difference between them;
besides, it's hard to judge by a dry specimen whether it grew
along the ground, or was lifted up; but grant this nice posture
should make it distinct, I presume so small a peculiarity might not
*require so long a title, but be *distinguisht* in fewer than 20*
words, and those none of the shortest.

The Decoction is an excellent Medicine in *Hectick Fevers* and *Consumptions*, the Powder mixt with equal weight of *Sugar*, and taken a dram at a time, cures the *Cough* and *Astma* in a short space. S. B.

S. B. 221.

Pluk. Tab. 15.

Fig. 1. Alm.

Bot. 50. 6.

H. Ox. S. 6.

p. 5. 2.

Pluk. Tab. 10. 27. pl. ult.

Fig. 6. Alm

Bot. 27. Pl.

Malab. 13. 12. id.

Fol. 4. 1, 18.

Ambrosia (forsfan)

e China, Anguriæ foliis accedens

Pluk. Tab. 10. Fig. 6. Alm. Bot.

221. *Masia pattree Malab.*

Arthemisia Orientalis vulgaris facie.

Aribemisia Chinensis cuius Mollugo Moxa dicitur Pluk. Tab. 15.

Fig. 1. Alm. Bot. 50. 6. H. Ox. S. 6. p. 5. 2. Ambrosia (forsfan)

e China, Anguriæ foliis accedens Pluk. Tab. 10. Fig. 6. Alm. Bot.

p. 5. 2. Pluk. Tab. 10. 27. pl. ult.

an Katu Tsjetti pu Hort. Malab. Vol. 10. Tab. 45. p. 89. H.

Bot. 27. Pl. Malab. 13. 12. id. Fol. 4. 1, 18. Ambrosia Malab. Aribemisia fo-

llo odoratissimo, floribus flavis Comel. in H. Mal. V. 10. p. 89.

10. Tab. 45. p. 89. H. Mal. 13. id. fol. 4.

Pills, which cure intermitting Fevers, for other things they use

it, which are needless to insert, for I take it to be, if not the

common, yet a species of Mugwort.

222. *Elippee Maraum Malab.*

S. B. 222.

*Arbor Salawaccensis Lauri folio, fructu filo longo terminante, Mus Petiver
flore ex utriculo quasi erumente Mus. Petiver. 610.*

Grows about 20 or 25 foot high, and sometimes 2 foot diameter. The Natives make Oyl of the Kernels by Expression, which cures the *Berberis* or *Palsie*, by anointing outwardly, and taking night and morning half a spoonful inwardly; 'tis very bitter; the grounds or *Magma* which remains of the Oyl cures the *Piles* by Fumigation: The Bark of this Tree (is very thick) bruised and put into Water, and set out all night in the Dew, and in the morning strained, cures the Running of the Reins, by taking a Cup night and morning for a few days: The Flowers are round, and do not open, but are hollow, which by pulling off the stalk makes a sort of figure like a *Nut-shell* with a hole in it, and a small crown opposite to the stalk, or hole, they are of a reddish yellow, smell sweet, and are a pleasant food, these boyl'd in Water and drank cures the *Heart-burn*. S. B.

223. *Varanna Mullee Malab.*

S. B. 223.

Adhatoda Malabarica tetricanthi H. Un. 13. *Aet. Phil. No H. Un. 13.*
244. p. 319. 13. *Lycium Indicum spinis quaternis ad singulorum Aet. Phil. No
foliorum ortum* Par. Bot. pr. 349. 5. 1. 11. *Hort. Beaum.* 28. 3. 13. P. B. pr.
Eryngium Zeylanicum febrifugum floribus luteis D. Herm. *Hort.* 349. 5. lin. 11.
Malab. V. 9. p. 78. *Melampyro cognata* Maderaspatana *spinis* H. Beaum. 28.
horrida Pluk. *Tab.* 119. Fig. 5. *Alm. Bot.* 245. pl. ult. *Coletta* 3. *H. Mal.* v. 9.
Veetla Malab. *Gontua Bram.* *H. Mal.* V. 9. *Tab.* 41. p. 77. *Fl. Pluk.* *Tab.* 119.
Mal. 174. 5. id. *Fol.* 44. 1. 21. *Kathu Kakarobiti Zeyl.* *Contasere* *Fig.* 5. *Fl. Mal.*
Zurrat. 174. 5. id.

Grows a foot and half high: A Decoction of the whole Plant *fol.* 44. 1. 21. cures the *Dropfy*, *Ascites* and *Anasarca*, by provoking much Urine; a spoonful of the juice of the Leaves drank cures the *Thrush* or *Aphtha* (which the *Hort. Malab.* also confirms) it's also good in Fevers. S. B.

224. *Telle cootan Malab.*

S. B. 224.

Carambu *Unaneercoondica Persicaria* *folio.*

Pluk. Tab

Lysimachia non papposa bumilis Maderaspatana, *Clinopodii Virgi-* *203. Fig. 5.*
niani lutei foliis, fructu Caryophylloide parvo Pluk. *Tab.* 203. 1. *Alm. Bot. 235*

Fig. 5. Alm. Bot. 236. 1.

Since which Dr Plukenet has thought it convenient to give it again as New in his *Mantissa* pag. 123. with the distinction of *Hyssopi* *foliis*, which makes me also believe it the same with his *Lysimachia* *spicata* *purpurea* *affinis Hyssopi* *foliis e Maderaspa-*

tan Pluk. Tab. 203. Fig. 6. So that I fear he has made 3 Plants H. Mal. v. 2. of one, for of near a Thousand I have seen from about Fort St Tab. 49. p. 95. George, I have yet met with but this one that has any resemblance Alm. Bot. 235. to all his 3; and that it may not also be suspected to be a 4th he 14. 5. penult. has, he would be kind to shew the Carambu Hort. Malab. V. 2. Tab. 49. p. 95. which he gives us in his Almageft. Bot. 235. plant. penult.

This grows a Cubit high, consisting of many straight branches, which rises at the Root, which is a Finger thick: the Decoction of this the Natives give to those that have a Fever with a Gonorrhœa, and great sharpness of Urine, all which it quickly cures; the two following Plants the Natives say are akin to this, but I think not. S. B.

S. B. 225. 225. Chedde Cootan Malab.

Althea Unaneeroondica floribus parvis ex alis foliorum dense stipatis.

Dr Plukenet in his Mantissa makes this a Tree Betony; and if so, it's the only one I ever yet saw of 2 foot high that was not verticillated, but bore its cluster of Flowers on one pedicle, distant from the Stalk.

It grows in very hard ground, 2 foot high; the Decoction of this cures a Gonorrhœa when the Urine does not scald. S. B.

226. Cootan Malab.

S. B. 226. Pfuk. Tab. Cuscuta baccifera Salawacensis fructu coronato.

172. Fig. 2. an Cuscuta baccifera Barbadensium a Maritimis Pfuk. Tab. 172. Alm. Bot. 126. Fig. 2. Alm. Bot. 126. 5. lin. 13. an Cuscutæ species crescens su- 5. lin. 13. II. pra arbores & plantas Comel. in H. Mal. V. 7. p. 84. an Epi- Mal. v. 7. Tab. 44. p. 83. ibyllum Luzonis Majus. Malabohor Manilleensis Camel. Mfs. Fl. Mal. 10. 5. descript. & delineatione. Acatsja valli Malab. ceu Mudila Tali id. fol. 25. 2. Malab. Medica Tali Bram. Ramos dasenvi Lufit. Meervlecht wor- 17. tel Belg. H. Mal. V. 7. Tab. 44. p. 83. Fl. Mal. 100. 5. id. Fol. 25. 2. 17.

This I don't know what to term, it has no Root on the ground, but draws its nourishment from hair-like Roots, here and there inserted in the branches of the Trees it lies on; ground with Butter-milk, and a small Cup of it taken night and morning cures the violent scalding of Urine and Gonorrhœa. S. B.

We now proceed to the ANIMALS which I have received from several parts of INDIA, viz.

1. **S** *Tella Chinensis perelegans, duplicita radiata.* Gazophylac. *S. B. 5. 1.*
nost. Naturæ Tab. 4. Fig: 6. *Gaz. nost. Nat. Tab. 4. Fig. 6.*

This has 13 round joyned rays, near 3 inches long, not bigger than a Packthread; these on the under part are thick set with a hairy fringe, between each of these larger *radii* comes another much smaller, smooth, about an inch long, and not bigger than a pin. This and the next *Mr Sam. Brown* some time since procur'd me from *China*.

2. *Stella Chinensis tetradactylon, capite pulchre venoso.* *S. B. 5. 2.*

This has but 4 rays, which are like the last but shorter, viz. about 2 inches long, the head an inch broad, round, flat, and finely veined with reddish and white.

3. *Papilio Indiæ Orientalis permaximus nigrescens, micis cæruleis asperfis, subtus rubedine notatus.* *S. B. 5. 3.*

This is the largest *Butterfly* I have yet seen, being full 6 inches between the tip of each Wing. I take this and the next to be Male and Female.

4. *Papilio Ind. Orient permaximus, e nigredine alboque mixtus, humero rubro pernotato.* *S. B. 5. 4.*

This differs from the last, only in having a share of white on both sides its upper wings, and the Scarlet spot on the Shoulders are in this seen as well above as underneath. My curious Friend *Dr William Sherard* first gave me these Butterflies, I have since met with them in *Mr Goff's Collection*.

5. *Papilio Javanicus, subtus flavescens, venis nigris maculis miniaeis marginatus.* First brought me from Batavia by *Mr James Cuninghame*, since which my worthy Friend *Mr Edward Bulkley* sent it me from *Fort St George*. *S. B. 5. 5.*

6. *Papilio Madraspat, medius, e flaveline & fusco mixtus, situra cærulea insignitus.* Gazoph. nost. Natur. Tab. 4. Fig. 5. *S. B. 5. 6.*

This is a singular Fly, partly composed of yellow and brown, with a blue spot near the middle of each lower Wing towards the Shoulder. *Gaz. n. Nat. Tab. 4 Fig. 3.*

7. *Papilio Ind. Orient. nigrescens, maculis pallidis umbra cæruleente asperfis.* *S. B. 5. 7.*

8. *Papilio Ind. Orient. fuscus major, cæruleo notatus, subtus nævinus, bimaculatus.* *S. B. 5. 8.*

Y y y y y

9. *Papi-*

S. B. 5. 9. 9. *Papilio* Ind. Orient. *medius, caerulecentibus maculis, subtus nævinus.*

These 3 last came in Mr Goff's Collections, and they are the only ones I have as yet seen.

S. B. 5. 10. 10. *Papilio Malaccensis fuscus, subtus nævinus, margine oculato.* Mr James Cunningham caught this July 4. A. D. 1700. near Pulo Saya beyond Banca. I met with it also amongst Mr Goff's Insects.

S. B. 5. 11. 11. *Phaenix* Ind. Orient. *minor fusca, maculis ex albo-caeruleo-varientibus.*

S. B. 5. 12. 12. *Phalena* Ind. Orient. *minor albicans, guttulis sanguineis*
Gaz. n. Nat. Tab. 3. Fig. 3. ♂ *nigris pulchre aspersis.* Gazoph. noſt. Naturæ Tab. 3. Fig. 3.

I am also beholden to Mr Goff for these 2 beautiful Flies; I remember to have seen this last amongst Mr Charlton's most Curious Collection of Insects.

S. B. 5. 13. 13. *Buccinum Bengalense* an *fluviatile ovale, columella tridentata, ore angusto*

List. Hist. Conch. Lib. 1. Tab. 32. Fig. 30. This seems pretty well to resemble the *Buccinum quatuor oribium valde crassum & ponderosum 2 dentibus ad columella, ore admodum longo & angusto* Litt. Hist. Conchyl. Lib. 1. Tab. 32. Fig. 30.

I first receiv'd this from the Bay of Bengale, and since that from Batavia.

S. B. 5. 14. 14. *Nerita Javanica nigrescens monogyros.* an List. Hist. Conch. Lib. 2. Tab. 143. Fig. 37. This very well resembles Dr Lister's Figure, and seems to be a River shell.

S. B. 5. 15. 15. *Mytilus Malaccensis, striis crassis verrucosis.* an Peđun. List. H. C. 13. culus striis magnis & muricatis donatus List. Hist. Conch. L. 3. Tab. 241. Fig. 78.

The largest of these I have yet met with exceed not Dr Lister's Figure, viz. 1 inch $\frac{3}{4}$ long, of which the long notcht hinge takes up 1 and $\frac{1}{4}$, it's just one inch over. I have had this Shell from Malacca, Batavia and Emuy; Mr Colvill, Surgeon, hath also lately brought it me from Pulo Verara.

S. B. 5. 16. 16. *Tridacna* Ind. Oriental. *ponderosissima & crassa imbricata.* Aldr. Bon. Tab. 446. ♂ an *Tridachnes* Aldr. Bon. Test. 446 & 7. Fig. id. Franc. 152. 7 Fig. id. Tab. xi. Fig. 2, 3. *Concha Tridachnes* Jonst. Amst. Test. Tab. 13. Franc. 152.

Tab. xi. Fig. 2, 3. *Concha maximam marmorea imbricata* Col. Oly. ap. 9. c. 14. Fig. 12. Mus. Reg. Soc. The great waved Muscle Mus: Reg. Soc. 14 7. 3.

p. 147. 3. lin. xi. For Bulk, Weight and Thickneis it's the largest Shell I ever Jonst. Amst. saw. Mr Charlton has a pair of these, which weigh near a hundred Ap. ex. Tab. 13.

dred pounds. My Curious Friend Mr *Sylvanus Landon* brought me one of them from the *East Indies*.

Aldrovand says it's call'd *Tridacna*, because the Fish is not to be eat under less than 3 mouthfuls, it has indeed but a small cavity, considering the largeness of the Shell.

17.. *Tridacna Indica Orient. triquetra, crassa, striata. Conch. Indica Bonan.* 109. Fig. 81, 82. *Pectunculus major variegatus, profundo sinu conspicuus* List. H. Conch. L. 3. Fig. 187 & 8. L. 3. Fig. 187. Tab. 349 & 50. The Figures of the whole Shell in these 2 *Ann.* 8. Tab. 349. shors are too stiffly represented, but the single Valve pretty well so. resembles it. Each large ridge is streakt with red, between which are always 2 smaller. The foresaid Mr *Landon* brought me this from the *Island of Princes*.

18. *Balanus Chinensis cristatus, Gazophyl. nost. Naturæ Tab. 5. B. 5. 18. Rond. aq. 28. an Balanus Rondelet. aq. 28. c. 29. Fig. Balanus marina Jonst. Gal. 21. c. 25. Amst. aq. Tab. 15. Fig. 12. Glans de Mer Rond. aq. Gall. 21. c. Fig. 25. Fig. The first I ever saw Mr *James Cunningham* brought from Jonst. Amst. China, and gave it to our worthy Friend Dr Grey, since which he aq. Tab. 15. hath sent it me from *Chusan*, an Island near *Liampo* in China. Fig. 12.*

19. *Cochlea Ind. Orient. cinerea, lineis subrufis undatis. an Cochlea albida crebris lineis subrufis transversim & undatim dudis* List. H. C. l. 4. *depicta*. List. H. C. l. 4. S. 5. Tab. 559. Fig. 1. s. 5. Tab. 559.

My worthy Friend Mr *Walter Keir, Surgeon*, observed this elegant Shell on the Coasts of India towards China.

20. *Cochlea Bengalensis alba, punctis fuscis. an Cochlea clavula compressa, punctis rufis dense depicta* List. H. C. l. 4. S. 5. Tab. 564. Fig. 11.

I first received this from *Bengale*, and since from *Malacca*, *Pulo Verara* and *Emuy*.

21. *Cochlea Emuyaca, orbibus elatis, pulchre granulosis. an Cochlea striata & muricata* List. H. C. l. 4. S. 5. Tab. 575. s. B. 5. 21.

The fasciae of these are flat and smaller granulated then the next.

22. *Cochlea Emuyaca granulosa, ore ferrato.*

This is properly distinguish from others by its serrated mouth, which standing below the upper edge makes it seem a double Shell. Mr *James Cunningham, Surgeon*, observed this and the last on the *Island Emuy* on the Coast of China.

23. *Cochlea Malaccensis fasciis maculatis elatis. an Cochlea subviridis maculosa, striata, umbilicata* List. H. C. l. 4. S. 5. Tab. 586. Fig. 45. s. B. 5. 23. List. H. C. l. 4. f. 5. Tab. 586. Fig. 45.

This Shell hath a small Navel, the inside Pearly, its *fasciae* are thick set, spotted, and in some finely striated crossways, they are alternately big and less. Mr Charles Perry, Surgeon, brought me these amongst a Collection he made me in the *East-Indies*. I have observed one much larger from *Malacca*.

S. B. 5. 24.

G. Z. n. Nat.

Tab. 4. Fig. 10.

24. *Cochlea Bengalenensis* ore lacerato, capite sinuoso. *Gazoph.*
noft. *Nat. Tab. 4. Fig. 10.* an *Cochlea compressa fusca, fasciata,*
brevior, sinu longo ad rostrum notabilis *List. H. C. L. 4. S. 5. Tab.*
577. Fig. 32. an Bonan. 167. Fig. 385.

This is very remarkable for its ragged mouth and notch in the head. Mr Stocker brought me this from the Bay of *Bengale*, with a few other uncommon Shells.

S. B. 5. 25.

List. H. C. 1. 4.

Fig. 6.

25. *Nerita Malaccensis, nigris striis leviter fasciatus.* an *Ne-*
rita nigricans leviter sulcatus, clavicula parum compressa, mul-
tis 6. Tab. 595. tis & exiguis dentibus, ad labrum admodum paucis brevibus &
acutis ad columellam *List. H. C. 1. 4. S. 6. Tab. 596. Fig. 6.*

The fasciated ribs of this are black, and the interstices Horn or Amber colour. Found on the Shoars of *Malacca* and *Emuy* by Mr James Cunningham.

S. B. 5. 26.

List. H. C. 1. 4.

Fig. 4.

26. *Nerita Veraræ, ex albo-nigroque fasciatus, labro verru-*
coso. an Nerita admodum tenuis & levis, raris & profundis
sett. 6. Tab. 596. fulcis donatis iisque nigris, ipsa clavicularis flavescente, 2 tribus-
ve brevibus dentibus ad columellam, ad labrum omnino edentulus
List. H. C. 1. 4. S. 6. Tab. 596. Fig. 4.

This and the next were brought me from *Pulo Verara* by my kind Friend Mr Colvil, Surgeon.

S. B. 5. 27.

List. H. C. 1. 4.

Fig. 11.

27. *Nerita Veraræ, ex albo nigroque fasciatus clavicularis com-*
pressa. an Nerita magnus tenuiter striatus, ipsa clavicularis &
8. 6. Tab. 598. ore interno citrino *List. H. C. 1. 4. S. 6. Tab. 598. Fig. 11.* This
differs from the last in having its clavicle Flat.

S. B. 5. 28.

List. H. C. 1. 4.

Fig. 8.

28. *Trochus ingens ex albo rubroque undatus, ex Insula Pris-*

Lift. H. C. 1. 4. cipis.

Fig. 617.

Trochus pyramidalis maximus, late radiatus ex rubro *List. H.*

Fig. 3. Bon. 125.

C. 1. 4. Sed. 8. Tab. 617. Fig. 3. Trochus magnus & auritus *Bon.*

Fig. 102. Col.

Purp. 14. c. 3. 125. Fig. 102. Turbo exoticus umbilicatus *Col. de Purp. 14. c. 3.*

Fig. 16. Aldi. Fig. 16. Trochus alter pyramidalis *Aldr. Bon. Test. 363. Fig. id.*

Bon. Test. 363. Francof. Tab. 8. p. 122. Fig. Trochus pyramidalis *Jonst. Amft.*

Fig. id Francof.

Turb. 8. p. 122. Aq. exang. Tab. xi. an Trochus or the short Whirlie *Mus. Reg.*

Fig. Jonst.

Soc. 133. 1. This is one of the largest Shells of this Family I

Amft. ag.

have yet seen, its base being between 4 and 5 inches over. Mr Syl-

Tab. xi Mus.

vanus Landon first brought it me from the Island of Princes, and

I have since received it from *Pulo Verara*, an Island in the Straits of *Malacca*.

29. *Trochus Malaccensis orbibus muricatis.*

S. B. 5 29.

Found in the Straits of *Malacca* by Mr *Janes Cunningham*.

30. *Trochus Benghalensis clavicula longissima.*

S. B. 5 20.

Trochus pyramidalis fuscus, striatus, clavicula valde producta List. H. C. I. 4. S. 8 Tab. 624. Fig. 10. *Strombus admodum prod-* Fig. 10. Bon. *ductus decorticatus, coicore margariifera, transversis sulcis cor-* 124. Fig. 92. *rugatus* Bon. p. 124. Fig. 92.

This is a peculiar *Trochus*, and the longest I have seen, being above 2 inches long, and but one at the base. Its Figures do very well resemble it. I received it first from *Bengale*, and since from *Batavia*.

31. *Trochus Batavicus compressus perelegans, umbilico ferrato tortili.* *Trochus planior maculatus, umbilico leviter dentato lat-* List. H. C. I. 4. S. 8. Tab. 636. Fig. 24. *Trochus centro latæ concavo,* or the Concave short Whirlie Mus. Regal. Soc. p. 133. 7. 116. Fig. 27 & Tab. xi. Fig. d. and u. Bon. 116. Fig. 27 and 8. where it is ele- 8. Mus. Regal. Soc. 133 7. gantly express.

This is a very curious Shell, and as singular for its flatness as the last was for its length; I have them from several parts of India.

32. *Trochus Micowaiicus granulosus, ex rubro late undatus.* S. B. 5. 32. an *Trochus pyramidalis brevior, ex rubro undatum virgatus, cæ- terum subcæruleus, striis majusculis nodosis valde asper.* List. H. C. I. 4. S. 8. Tab. 632. Fig. 19.

This has a granulated superficies, no bigger than Poppy-seed, it's equally waved with red and greenish, its base hollow, an inch over, and its height much the same. Mr *Charles Dell* first brought me this from the Island *Micowabi*, and I have since received it from *Batavia*.

33. *Concha Veneris Michowaica, typis quasi Hebraicis delineata.* S. B. 5. 33. *Concha Veneris ponderosa, longiuscula & angustior, ven-* List. H. C. I. 4. *tre subplano albicante, lateribus crebris maculis nigricantibus ijs.* 9. Tab. 652. *que mediocribus distinctis, dorso velut characteribus quibusdam* Fig. 3. *depicta* List. H. C. I. 4. Sett. 9. Tab. 658. Fig. 3. the Hebrew Cowrie.

I have received this from *Micowabi*, *Pulo Verara*, Fort *St George*, and other places in the East Indies; Mr *Barckley*, Surgeon, brought it me also from *Madagascar*. These Shells differ very much, both in respect to their magnitude and colour, some being

being clouded with dark *Fascie*, others have a pale list the length of the Siell on one side, with whitish spots intersperst amongst the Characters. The length of the largest I have met with has been 4 inches, and 2 the least.

- S. B. 5. 34. 34. *Concha Veneris Madagascara albescens, oblonga, lincolis punctata, extremitatibus croceis.* *Concha Veneris cinerea, ventre candido, utroque capite croceo, dorso nigris lineolis & punctulis depicta* List. H. C. I. 4. S. 9. Tab. 660. Fig. 4.

Mr Sylvanus Landon brought me this first from the Island of Princes, and *Mr Edward Bulley* hath since sent it me from Fort St George; but our worthy Patron *Dr Lister* hath long since had them from Madagascar and the Mauritius's:

- S. B. 5. 35. 35. *Concha Veneris Emuyaca albida minor, levis, circulo croceo Gazoph. noſt. Nat. Tab. 6. Fig. 8. Concha Veneris 4. Rond. Tab. 6. Fig. 8. aquatil. 102. c. 37. Fig. id Gallic. 68. Fig. c. 31. Aldr. Bon. Test. Rond. aq. 103. 555. Fig. id. Francof. 181. Tab. 17. Fig. 16. descript. p. 183. col. 1. c. 37. Fig. id. Gall. 65. Fig. c. lin. 41.*

31. Aldr. Bon. This differs from the *Guinea Gowrie* Mus. noſt. 19. in being *183. 555. Fig. id.* smooth, and having a laſtron circle. The references therefore to Fr. 181. Tab. *Rendeletius* (whose Figure and description agrees very well with 17. Fig. 16. defc. 183. this) ought there to be left out, for I had not then seen this Shell.

- Mus. Petri. 19. 36. *Perficus Batavicus minor quin-dentibus dextris.* an *Euc-*
S. B. 5. 36. *cinum Perficum parvum, sublividum, leviter ex fusco fasciatum*
List. H. C. I. 4. *Liſt. H. C. I. 4. S. xi. Tab. 803. Fig. 11.*

Fig. xi. This agrees with *Dr Lister's Figure* in shape and bigness.

37. *Buccinum Emuyacum parvum, fasciis striatis & nodosis.*
S. B. 5. 37. These are about an inch and $\frac{1}{2}$ long, and $\frac{3}{4}$ broad, some of these have Teeth deep within the Mouth, others on the Lips, and some none at all.

- S. B. 5. 38. 28. *Murex Orientalis, aculeis plurimis longissimis.*
Imp. Fig. 686. *Purpura echinata Imperati Ital.* Fig. 686. desc. 679. 4. lin. 31.
desc. 679. 4. 1. *Purpura clavata* sive *Murex parvus rostratus Col. Obs. aq.* Fig. 60.
31. Col. obs. *Purpura altera muricata* sive *Murex rostratus parvus Ejusd.* 64.
aq. Fig. 60. c. 33. *Purpura aculeis plicatis longissimis*, or the Purple Wilk Olear. Tab. 29. with long plated spikes Mus. Regal. Soc. 129. 2. lin. 9.

Fig. 1. Mus. *Buccinum ampullaceum rostratum striatum, triplice ordine Reg. f. 129.* *muricum exasperatum* List. H. C. I. 4. Sect. 13. Tab. 902. Fig. 3. lin. 9. List. H. C. 4 f. 13. 22. *Buccinum ampullaceum fascium rostratum striatum triplici-*
Tab. 902 Fig. 22. *dine muricum exasperatum, apice mediocriter produtto* Mus. Sib.
Mus. Sibb. 154. bald.

bald. 154. I. lin. 5. an *Purpura aculeata seu Istrix marina Bonan.* I. l. 5. Bon.
150. Fig. 269. *Sconciglio spinosa Neapolitanis.* 150. Fig. 269.

Columna's Figure (most particularly) and the rest, give that resemblance of the Shell, that is not easily to be exprest in words.

I have had this elegant Shell from 2 or 3 places in the *East Indies*, viz. *Malacca, Pulo Verara, &c.*

39. *Oxyrynchus Batavicus castanenus, fasciis albis, columella dentata.*

This is an inch and $\frac{1}{2}$ long and $\frac{1}{2}$ inch thick, of a Chestnut colour, with three white girdles in the middle part, each end is pointed, and the columella or right lip is furrowed, its mouth $\frac{3}{4}$ long, and not a $\frac{1}{4}$ wide.

40. *Murex Micowaius rostro canulato fasciatus, plicis elatis Lif. H. C. l. 4. rugosus. an Buccinum rotatum labro duplicato, ipso ore exiguo s. 14. Tab. 948. rotundo, senis plicaturis striatis descriptum Lif. H. C. l. 4. Sect. FIG. 43.*

14. Tab. 948. Fig. 43.

Mr Charles Dell brought me this first from Micowabi, and Mr Edward Bulkey hath since sent it me from Fort St George.

41. *Bu-cochlea Micowaiaca, umbilicata, maculis subflavis, gyris alte incisis.* S. B. 5. 41.

42. *Unicornu Bengalense, cancellatum, ore rotundo.* S. B. 5. 42.

About 2 inches long, and at the head one broad, it's composed of about 8 twirles, which are lattic'd, i. e. both striated and fasciated.

I have receiv'd this both from *Bengale* and *Batavia*.